Characteristics Summary

RECONNAISSANCE · · · · · · · RB-29A

Wing area ...................... 1720 sq ft  Length ....................... 99.0 ft
Span ............................ 141.2 ft  Height .......................... 27.8 ft

AVAILABILITY

<table>
<thead>
<tr>
<th>Number available</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE</td>
</tr>
</tbody>
</table>

PROCUREMENT

| Number to be delivered in fiscal years |

STATUS

1. B-29A modified for reconnaissance by installation of cameras in rear unpressurized compartment.
2. Originally designated F-13A.

POWER PLANT

*(4) R-3350-57 or -57A Wright
ENGINE RATINGS
BHP-RPM-ALT-MIN
T.O: 2200-2800-S.L.-5
MIL: 2200-2800-Turbo-30
Nor: 2000-2400-Turbo-Cont.
*Modernized

FEATURES

<table>
<thead>
<tr>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crew</td>
</tr>
<tr>
<td>Cabin Pressurization and Heating</td>
</tr>
<tr>
<td>Electronic Navigation Equipment</td>
</tr>
<tr>
<td>Night Photo Equipment</td>
</tr>
<tr>
<td>Max Fuel Cap: 9150 gal</td>
</tr>
</tbody>
</table>

ARMAMENT

<table>
<thead>
<tr>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turrets</td>
</tr>
<tr>
<td>Guns: 12x.50 cal</td>
</tr>
<tr>
<td>Ammunition (tot.): 6000 rds</td>
</tr>
</tbody>
</table>

19 APRIL 1950
### Performance

<table>
<thead>
<tr>
<th>Performance</th>
<th>Combat Radius</th>
<th>Combat Range</th>
<th>Combat Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>From</strong></td>
<td>2110 naut. mi</td>
<td>4075 naut. mi</td>
<td>329 knots</td>
</tr>
<tr>
<td><strong>With</strong></td>
<td>500 lb payload</td>
<td>500 lb payload</td>
<td>at 25,000 ft alt, max power</td>
</tr>
<tr>
<td><strong>At</strong></td>
<td>215 knots avg.</td>
<td>195 knots avg.</td>
<td></td>
</tr>
<tr>
<td><strong>In</strong></td>
<td>19.90 hours.</td>
<td>21.05 hours.</td>
<td></td>
</tr>
</tbody>
</table>

### Maximum Speed

- **345** knots at 30,000 ft alt, max power

### Climb

- **500** fpsm
  - Sea level, take-off weight
  - Normal power

### Ceiling

- **23,950 ft**
  - 100 fpsm, take-off weight
  - Normal power

### Take-off

- **5230 ft**
  - No assist
  - Assisted

### Load Weights

- **Cameras:** 500 lb
- **Ammunition:** 6000 rds/.50 cal
- **Fuel:**
  - Protected 100%
  - Droppable 25%
  - External 0%

- **Empty:** 72,421 lb
- **Combat:** 108,800 lb
- **Take-off:** 140,000 lb

### Stallng Speed

- **103** knots
  - Flaps down, take-off weight

### Time to Climb

### Notes

1. **Performance Basis:**
   - (a) Flight test
   - (b) Fuel density: 6.0 lb/gal
   - (c) In computing Radius and Range, specific fuel consumptions have been increased 5% to allow for variation of fuel flow in service aircraft.
   - (d) War Emergency power of 2500 BHP used for performance computations.
2. **Revision Basis:** To reflect corrected engine models and engine ratings.